



ARCHITECTS ENGINEERS PLANNERS

111 Monument Circle
Indianapolis, Indiana
46204-5178
(317) 636-4682
FAX (317) 633-0505

Ron

May 20, 1999

Ms. Laura Steadham, Chief
Solid Waste Facilities Branch
Office of Solid and Hazardous Waste Management
Indiana Department of Environmental Management
P.O. Box 6015
Indianapolis, IN 46206-6015

RECEIVED

MAY 25 1999

DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT
SOLID & HAZARDOUS WASTE MANAGEMENT

Re: Corrective Action Program
Recovery Well Installation and Testing
Speedway Landfill
Marion County
HNTB Job No. 26040-PL-004-001

Dear Ms. Steadham:

This letter will serve to update you on the completion and testing of the recovery well at the Speedway Landfill. The recovery well installation and testing was completed on November 18, 1998. The conditions and results of the pump test are as follows:

Test Conditions

- Well diameter: 8-inch
- Screen: 15 feet long, Stainless Steel woven wire, 0.020-inch opening
- Screen setting: 20-35 feet below surface
- Pump: 2 hp, 4-inch diameter
- Discharge hose: 2-inch fire hose approximately 2,000 feet long (discharged flow to Speedway wastewater influent channel)

Performance Results

- Average pumping rate: 10 gpm (due to high discharge head through the long fire hose)
- Pump test duration: 4 hours
- Drawdown results in following table

The HNTB Companies

OFFICES: ALEXANDRIA, VA; ATLANTA, GA; AUSTIN, TX; BAYON ROUGE, LA; BOSTON, MA; CHARLESTON, WV; CHICAGO, IL; CLEVELAND, OH; DALLAS, TX; DENVER, CO; DETROIT, MI; FAIRFIELD, NJ; FT. WORTH, TX; HARTFORD, CT; HOUSTON, TX; INDIANAPOLIS, IN; IRVINE, CA; KANSAS CITY, MO; LANSING, MI; LOS ANGELES, CA; LOUISVILLE, KY; MIAMI, FL; MILWAUKEE, WI; MINNEAPOLIS, MN; NASHVILLE, TN; NEW YORK, NY; OAKLAND, CA; ORLANDO, FL; OVERLAND PARK, KS; PHOENIX, AZ; PLYMOUTH MEETING, PA; PORTLAND, ME; RALEIGH, NC; SALT LAKE CITY, UT; SAN ANTONIO, TX; SEATTLE, WA; TAMPA, FL; TULSA, OK.

Ms. Laura Steadham, Chief
Solid Waste Facilities Branch
Office of Solid and Hazardous Waste Management
Indiana Department of Environmental Management
May 20, 1999
Page 2

Well Number	9 AM (static)	10 AM	11 AM	12 AM	1 PM
Recovery	20.31'	24.97'	25.08'	25.15'	25.21'
2R	21.32'	21.32'	21.32'	21.32'	21.32'
10	14.64'	14.64'	14.64'	14.64'	14.64'
102	23.74'	23.78'	23.79'	23.8'	23.8'
100	20.53'	21.37'	21.44'	21.49'	21.52'
3	16.54'	16.66'	16.68'	16.68'	16.7'

The pump test results indicated drawdown is possible on the plume cross section from the recovery well location. Final pumping rate will be set with a control valve on the discharge pipe to produce the desired results in the monitoring wells.

We apologize for not sending the pump test results earlier. The schedule for completion of the Recovery Well and Piping project was transmitted to you in our letter dated May 14, 1999. If you have any questions regarding the information provided herein, please feel free to contact us at (317) 636-4682.

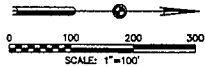
Very truly yours,

HNTB CORPORATION

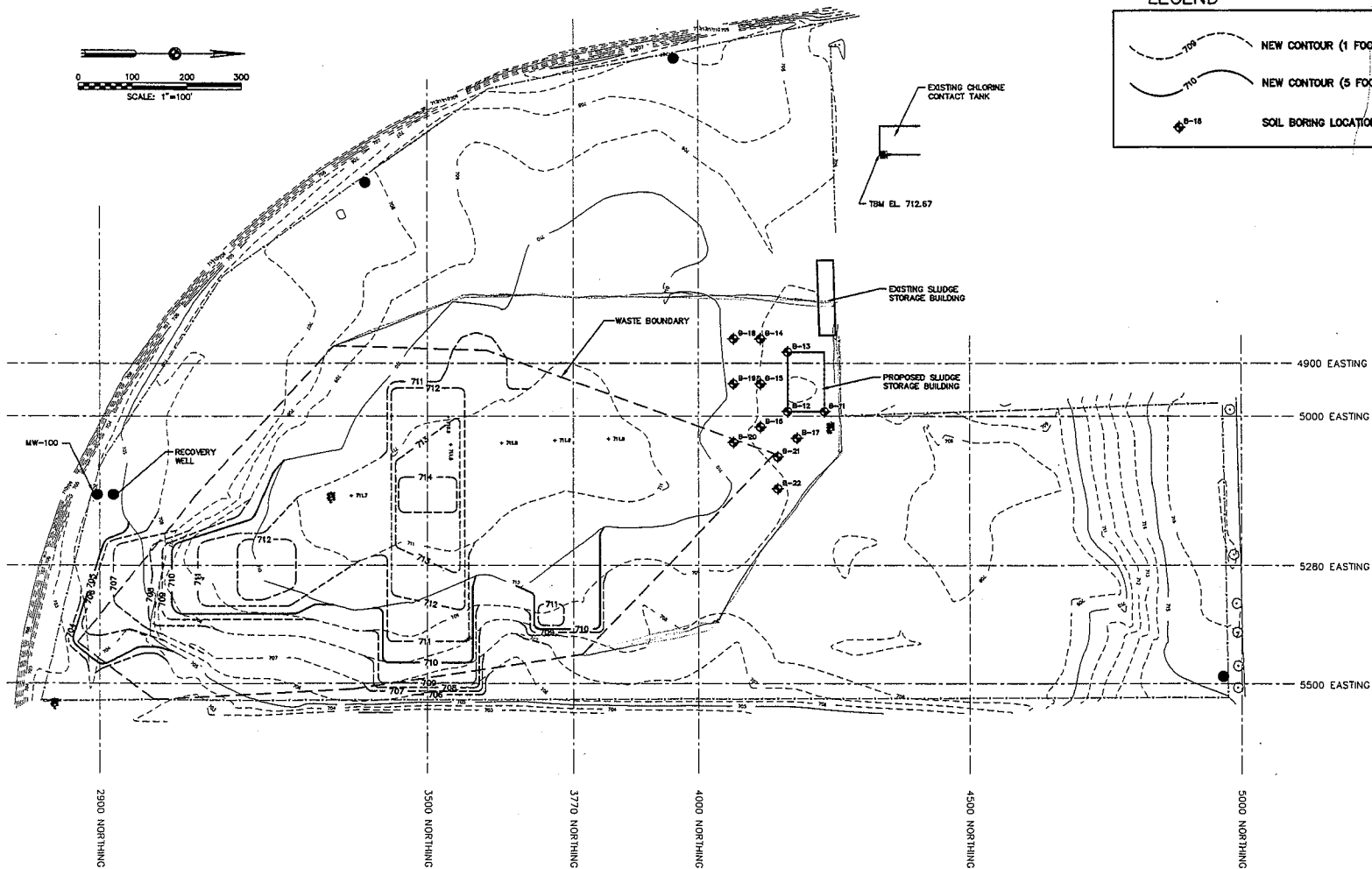
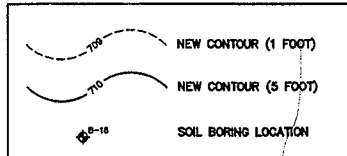


Harold E. Dungan, P.E.
Project Manager

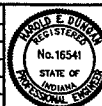
cc: Ron Fischer, IDEM
Charles Bowling, Speedway
Norman Barry, Speedway
Joe Thais, HNTB



LEGEND



VERIFY SCALES	SYMBOL	REVISIONS	BY	DATE	APPROVED
BAR IS ONE INCH ON ORIGINAL DRAWING.					
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.					



DESIGNER	ADRIAANS
DRAFTING	NELSON
PROJ. ENGR.	DUNGAN
PROJ. MGR.	DUNGAN
BY	
DATE	

HNTB
ARCHITECTS ENGINEERS PLANNERS
HNTB CORPORATION
111 Monument Circle, Indianapolis, Indiana 46204-0178

JOB NO.	28040-PL
	001-001
DATE	6/3/1999

SPEEDWAY LANDFILL COVER REHABILITATION
TOWN OF SPEEDWAY, INDIANA
SOIL BORING LOCATIONS

SHEET NO.	1
1 OF 1	